R410A Multifunction Geothermal Ground Source Heat Pump Water To Water Automaticlly Defrosting

Our Product Introduction

Basic Information

- Place of Origin: Guangzhou China
- Brand Name: horizontal-slurrypump.com
- Certification: CE ISO CCC UKAS,ROHS
- Model Number: OEM
- Minimum Order Quantity: 5 PCS
- Price: Negotiation
- Packaging Details: Plywooden case
- Delivery Time: 15 days
- Payment Terms: T/T, L/C WESTERN UNION
- Supply Ability: 800/MONTH

Product Specification

- Materail: Galvanized Steel Sheet
- Contactor: Fuji Brand
- Copper Pipe Thick: 1 Mm
- Compressor: ZW Series ,With Crank Heating
- Working Temperature: -20--45 Degree
- Insulation: Foam Pack Pipe And Stick On The Machine Innner
- Defrosting: Automaticlly
- Temperature: 80 Degree
- Highlight: **geothermal heat pump**

More Images

Product Description

R410A Multifunction geothermal ground source heat pump water to water

Technology Specification

Water source heat pump Sheet data

MODEL		Unit	MDS15D
Rated heating capacity		KW	5
Hot water supply		L/h	100
Average heating input power		KW	1.2
Rated heating input current		A	6
Max outlet water temp			80
COP			4
Power		V/Hz	220V/50
Noise		Db(a)	50
Dimension	W*D*H	mm	657×557×765
Packing size	W*D*H	mm	737×637×915
Unit weight		KG	75
Refrigerant			R134A
Working air temp range			(-40)—45
compressor	Type		Panasonic
water source heat exchanger	Type		Plate heat exchange
	Pipe size	DN	25
Hot water side heat exchange	Type		Coil heat exchanger
	Water flow	L/H	2000L/h
	Water pressure down	Kpa	30
	Pipe size	DN	25
	Max house heating	M2	40
MODEL		Unit	MDS20D
Rated heating capacity		KW	7
Hot water supply		L/h	150
Average heating input power		KW	1.7
Rated heating input current		A	9
Max outlet water temp			80
COP			4
Power		V/Hz	220V/50
Noise		Db(a)	50
Dimension	W*D*H	mm	657×557×765
Packing size	W*D*H	mm	737×637×915
Unit weight		KG	75
Refrigerant			R134A
Working air temp range			(-40)—45
compressor	Type		Panasonic
water source heat exchanger	Type		Plate heat exchange
	Pipe size	DN	25
Hot water side heat exchange	Type		Coil heat exchanger
	Water flow	L/H	2000L/h
	Water pressure down	Kpa	30
	Pipe size	DN	25
	Max house heating	M2	55
MODEL		Unit	MDS30D
Rated heating capacity		KW	12
Hot water supply		L/h	260
Average heating input power		KW	2.89
Rated heating input current		A	13/6

Max outlet water temp			80
COP			4
Power		V/Hz	220V/380V/50
Noise		Db(a)	50
Dimension	W*D*H	mm	657×557×765
Packing size	W*D*H	mm	737×637×915
Unit weight		KG	108
Refrigerant			R134A
Working air temp range			(-40)—45
compressor	Type		Copeland
water source heat exchanger	Type		Plate heat exchange
	Pipe size	DN	25
Hot water side heat exchange	Type		Coil heat exchanger
	Water flow	L/H	3300L/h
	Water pressure down	Kpa	35
	Pipe size	DN	25
	Max house heating	M2	100
MODEL		Unit	MDS40D
Rated heating capacity		KW	16
Hot water supply		L/h	380
Average heating input power		KW	4
Rated heating input current		A	9
Max outlet water temp			80
COP			4.2
Power		V/Hz	380V/50
Noise		Db(a)	50
Dimension	W*D*H	mm	657×557×765
Packing size	W*D*H	mm	737×637×915
Unit weight		KG	145
Refrigerant			R134A
Working air temp range			(-40)—45
compressor	Type		Copeland
water source heat exchanger	Type		Plate heat exchange
	Pipe size	DN	32
Hot water side heat exchange	Type		Coil heat exchanger
	Water flow	L/H	4000L/h
	Water pressure down	Kpa	40
	Pipe size	DN	25
	Max house heating	M2	125
MODEL		Unit	MDS50D
Rated heating capacity		KW	19
Hot water supply		L/h	400
Average heating input power		KW	4.4
Rated heating input current		A	9
Max outlet water temp			80
COP			4.2
Power		V/Hz	380V/50
Noise		Db(a)	50
Dimension	W*D*H	mm	657×557×765
Packing size	W*D*H	mm	737×637×915
Unit weight		KG	145
Refrigerant			R134A

Working air temp range			(-40)—45
compressor	Type		Copeland
water source heat exchanger	Type		Plate heat exchange
	Pipe size	DN	32
Hot water side heat exchange	Type		Coil heat exchanger
	Water flow	L/H	5000L/h
	Water pressure down	Kpa	40
	Pipe size	DN	25
	Max house heating	M2	150
MODEL		Unit	MDS60D
Rated heating capacity		KW	25
Hot water supply		L/h	520
Average heating input power		KW	6
Rated heating input current		A	12
Max outlet water temp			80
COP			4.5
Power		V/Hz	380V/50
Noise		Db(a)	50
Dimension	W*D*H	mm	657×557×765
Packing size	W*D*H	mm	737×637×915
Unit weight		KG	158
Refrigerant			R134A
Working air temp range			(-40)—45
compressor	Type		Copeland
water source heat exchanger	Type		Plate heat exchange
	Pipe size	DN	32
Hot water side heat exchange	Type		Coil heat exchanger
	Water flow	L/H	6000L/h
	Water pressure down	Kpa	45
	Pipe size	DN	25
	Max house heating	M2	175
Model		Unit	MDS100D
Rated heating capacity		KW	38
Hot water supply		L/h	800
Average heating input power		KW	8.8
Rated heating input current		A	18
Max outlet water temp			80
COP			4.6
Power		V/Hz	380V/50
Noise		Db(a)	55
Dimension	W*D*H	mm	1050*810*760
Packing size	W*D*H	mm	1140*900*910
Unit weight		KG	290
Refrigerant			R134A
Working air temp range			(-40)—45
compressor	Type		Copeland
water source heat exchanger	Type		Plate heat exchange
	Pipe size	DN	32
Hot water side heat exchange	Type		Coil heat exchanger
	Water flow	L/H	10000L/h
	Water pressure down	Kpa	50
	Pipe size	DN	32
	Max house heating	M2	300

Model		Unit	MDS150D
Rated heating capacity		KW	42
Hot water supply		L/h	1200
Average heating input power		KW	11
Rated heating input current		A	21
Max outlet water temp			80
COP			4.6
Power		V/Hz	380V/50
Noise		Db(a)	55
Dimension	W*D*H	mm	1050*810*760
Packing size	W*D*H	mm	1140*900*910
Unit weight		KG	300
Refrigerant			R134A
Working air temp range			(-40)—45
compressor	Type		Copeland
water source heat exchanger	Type		Plate heat exchange
	Pipe size	DN	32
Hot water side heat exchange	Type		Coil heat exchanger
	Water flow	L/H	15000L/h
	Water pressure down	Kpa	50
	Pipe size	DN	32
	Max house heating	M2	350
MODEL		Unit	MDS200D
Rated heating capacity		KW	74
Hot water supply		L/h	1590
Average heating input power		KW	17.6
Rated heating input current		A	36
Max outlet water temp			80
COP			4.6
Power		V/Hz	380V/50
Noise		Db(a)	58
Dimension	W*D*H	mm	1260×850×860
Packing size	W*D*H	mm	1350×910×1020
Unit weight		KG	630
Refrigerant			R134A
Working air temp range			(-40)—45
compressor	Type		Copeland
water source heat exchanger	Type		Plate heat exchange
	Pipe size	DN	63
Hot water side heat exchange	Type		Coil heat exchanger
	Water flow	M3/H	20000L/h
	Water pressure down	Kpa	55
	Pipe size	DN	50
	Max house heating	M2	600
MODEL		Unit	MDS300D
Rated heating capacity		KW	100
Hot water supply		L/h	2400
Average heating input power		KW	25
Rated heating input current		A	45
Max outlet water temp			80
COP			4.6
Power		V/Hz	380V/50
Noise		Db(a)	55
Dimension	W*D*H	mm	1260×850×860
Packing size	W*D*H	mm	1350×910×1020
Unit weight		KG	660
Refrigerant			R134A

Working air temp range			(-40)—45
compressor	Type		Copeland
water source heat exchanger	Type		Tube heat exchange
Hot water side heat exchange	Type		Coil heat exchanger
	Water flow	M3/H	30000L/h
	Water pressure down	Kpa	60
	Pipe size	DN	50
	Max house heating	M2	730

What is a Geothermal heat pumps:

Geothermal heat pumps systems are one of the most efficient, environmentally friendly ways to heat and cool buildings because each unit responds specifically to the heating or cooling load of the individual zone it serves. These systems are ideal for office buildings, hotels, health care facilities, schools, condominiums and apartments.
The benefits are outstanding - excellent comfort, better efficiency and lower operating costs.

NEW ENERGY water source heat pump absorb heat(energy) from underground water and transfer it to warm and heat the water to **60deg.C**. The house could be warmed up by pumping the hot water to floor heating pipe or radiators. Cooling function is optional in the meantime.

Feature
1. Copeland EVI scroll R407C compressor.

2. Designed for central heating for houses in cold area including North Europe and East Europe.

3. Can work stably at -25DegC ambient and the COP at -15DegC ambient is up to 2.5.

4. Can work with auxiliary heater.

5. Using electronic expansion valve, achieving accurate, stable and high efficiency throttling.

6. Split design, no water system outside, no freezing and damage to water system. Optional refrigerant pipe quick connection is available, to reduce installation cost.

7. Low noise design for the outdoor unit. The compressor is on a floating plate to reduce vibration at the most extent. Noise insulation inside the cabinet. The fan is extremely quiet.

8. The refrigerant connections are designed to allow hiding all pipes, wires into the ground to ensure good looking installation.

Packaging & Shipment
1> Meeting heat pump can sure delivery heat pump within 5~20 working days as we warehouse stock condition.

2> Heat pump with strong plywood pallet , strong plywood box for loading, make sure no problem happen during rude transportation

3> All spare parts of the heat pump water heater will together loading into package , one time finished shipment to buyer.

4> Take video of the heat pump for buyer before package to 100% sure buyer get product same as order, no any different.

5>Meeting heat pump offer 100% test online, 5% test in Lab by 24 hour for one lot order (if not new model)
Packaging Details :Standard export packing -with plywood case packages,OEM is available for Factory price heat pump water heaters
Delivery Time :15 work days after arrival of down payment

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